

## WE CLAIM:

1           1. A burner assembly comprising:  
2           a ring generally centered on an axis and defining an  
3           array of outwardly open holes compartment;  
4           means for supplying a gas/air mixture to the ring to  
5           project jets of the mixture from the holes, whereby, when  
6           ignited, the jets form a main annular flame centered on the axis;  
7           a relatively small burner in the compartment generally  
8           centered on the axis;  
9           a horizontal plate on the ring overlying and covering  
10          the compartment and the burner; and  
11          means for supplying a gas/air mixture to the burner to  
12          form in the chamber underneath the plate a small flame centered  
13          on the axis.

1           2. The burner assembly defined in claim 1 wherein the  
2           cover plate is a generally circular disk having an outer diameter  
3           greater than an outer diameter of the small burner.

1           3. The burner assembly defined in claim 2 wherein the  
2           disk outer diameter is greater than an inner diameter of the  
3           ring.

1           4. The burner assembly defined in claim 1 wherein the  
2 plate is spaced above the ring.

1           5. The burner assembly defined in claim 4 wherein the  
2 plate has at least three downwardly projecting and angularly  
3 spaced feet by which it stands on the ring.

1           6. The burner assembly defined in claim 5 wherein the  
2 ring has a generally frustoconical upper surface centered on the  
3 axis and sloping downward toward the axis and the feet have lower  
4 surfaces of complementary shape that sit flatly on the surface.

1           7. The burner assembly defined in claim 1 wherein the  
2 plate has an upper surface that slopes downward away from the  
3 axis and that has an outer edge.

1           8. The burner assembly defined in claim 7 wherein the  
2 ring has a generally frustoconical upper surface that slopes  
3 downward outward away from the axis and having inner and outer  
4 peripheries, the outer edge of the plate upper surface being  
5 radially outward of the ring upper-surface inner periphery,  
6 whereby drips from the plate run to the edge, fall therefrom onto  
7 the ring upper surface, and run radially outward thereon.

1           9. The burner assembly defined in claim 1, further  
2 comprising  
3 a support for holding a cooking vessel spaced axially  
4 slightly above the plate.

1           10. The burner assembly defined in claim 9 wherein the  
2 support is glass.

1           11. The burner assembly defined in claim 9 wherein the  
2 support is formed with vertically throughgoing holes.

1           12. The burner assembly defined in claim 1 wherein the  
2 plate has a generally planar upper surface designed to directly  
contact and support a cooking vessel.